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 Issue number **1**
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Marine Design Appraisal Document

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Date
20 April 2006

Quote this reference on all future communications
HMD 0610065/17276-06/BUE/OS/BHS

**THE LLOYD'S REGISTER'S TYPE APPROVAL SYSTEM, 2002
 ISSUED TO: L' ISOLANTE K-FLEX SRL
 FOR: CLOSED CELL ELASTOMERIC FOAM INSULATION
 TYPE APPROVAL CERTIFICATE NO. 96/20023 (E4)**

Please note that DAD Issue Number 0 is superseded hereby

The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register's Type Approval System, 2002 and this Design Appraisal Document forms part of the Certificate.

APPROVAL DOCUMENTATION

Form LR 6606	Approval Services – Request for Quotation	09.02.2006
K-FLEX ECO 01/04 – Engl.	K-FLEX ECO Product Sheet	01/04
HMD 60071T, Issue No. 0	Design Appraisal Document	01.04.1996
08191/BO EC	MED Certificate issued by BV	07.09.2004

TEST REPORTS

MLN 0501609	Inspection And Surveillance of Production Facilities	06.10.2005
--	RINA Fire Protection Research Laboratory No. 98 DG 240 TO (7 pages)	19.03.1998
--	RINA Fire Protection Research Laboratory No. 98 DG 240 ATO (6 pages)	14.04.1998
H.2-21/05	Flammability test acc. to DIN 4102-1, May 1998 B2	27.01.2004
H.2-22/05	Flammability test acc. to DIN 4102-1, May 1998 B2	27.01.2004
G.2-068a/01	Determination of the thermal conductivity, Insulation tube	12.04.2001
R-32/01	Water-Vapour-Resistency test acc. to DIN 52615	18.09.2001
94R2 1647	Full Scale fire test according to NT FIRE 036 and test in small Scale according to ISO 5660	15.12.2000

FINAL ACCEPTANCE OF ACTUAL ITEM(S) DEPEND(S) ON SATISFACTORY SURVEY AND TESTING

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TEST REPORTS, CONT.

WARRES No. 128586	Test Report, FTP Code Annex 1, Part 2, MSC 61 (67) (sheet 1 to 12)	10.12.2002
WARRES No. 122664	Test Report, Resolution A 653 (16) amended by Res. MSC 61 (67) (sheet 1 to 8)	16.01.2002
WARRES No. 124294	Test Report, FTP Code Annex 1, Part 2, MSC 61 (67) (sheet 1 to 9)	19.04.2002

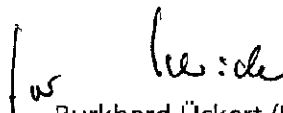
Supplementary Type Approval Terms and Conditions

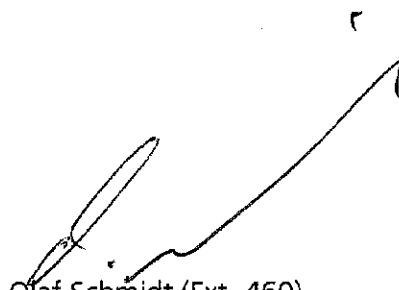
Type Approval certifies that a representative sample of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein. It does not mean or imply approval for any other use, nor approval of any product(s) designed or manufactured otherwise than in strict conformity with the said representative sample.

Type Approval is based on the understanding that the manufacturer's recommendations and instructions and any relevant requirements of the Rules and Regulations are complied with.

Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.

Lloyd's Register EMEA reserves the right to cancel or withdraw this Type Approval Certificate in accordance with the LR Type Approval System Procedure.


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